

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO
CHILES WORKS, L.L.C.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
clay in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 10 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Callaway	01	47N	09W	4	0	4	Works Site #1	0757
Callaway	29	47N	08W	1	0	1	*Farmer Site	1717
Callaway	27	47N	08W	2	0	2	Christian Site	1939
Callaway	27	47N	08W	3	0	3	Brooks Site	1996
*Above site issued for reclamation only								

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 28th day of April 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0780
Effective Date 04/28/2004
Expiration Date 04/18/2005

RECEIVED

MAR 10 2004


 MISSOURI DEPARTMENT OF NATURAL RESOURCES
 LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

 MISSOURI LAND RECLAMATION COMMISSION
 P.O. BOX 176
 JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL CHILES WORKS LLC		DATE 3-2-04	
ADDRESS 5544 County Road 209	CITY Fulton	STATE MO	ZIP CODE 65251
CONTACT PERSON ROBERT L. CHILES		TELEPHONE NUMBER 573 6421887	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. WORKS#1 0757	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 150
2. FARMER 1717	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 150
3. CHRISTIAN 1939	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 150
4. BROOKS 1996	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 150
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE \$ **600**2. Acreage Fee \$5 X **10** number of acres bonded \$ **50**3. Annual Permit Fee \$ **500**4. Total Fee (Add totals from 1, 2 and 3) \$ **1150**NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ **2,500**

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ **300**
 SIGNATURE OF APPLICANT **Robert L. Chiles** TITLE **OWNER** DATE **3-3-04**

 Appeared before me this **3rd** day of **march**, 20**04**. **Robert L. Chiles**
 to me personally known who executed the above as their free acts and deeds.

	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) COLE
	SUBSCRIBED AND SWORN BEFORE ME, THIS 3rd DAY OF march , 20 04	USE RUBBER STAMP IN CLEAR AREA BELOW.
	NOTARY PUBLIC SIGNATURE Melissa L. Hoff	MY COMMISSION EXPIRES 04-09-05
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Melissa L. Hoff	
FOR DEPARTMENT OF NATURAL RESOURCES APPROVED BY [Signature] DATE APPROVED 3-11-04		PERMIT NUMBER 0700 EXPIRATION DATE 4-18-05



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED
MAR 15 1999

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER WORKS PIT #1, #2, #3 <i>h</i>		PERMIT NUMBER MISSOURI LAND RECLAMATION COMMISSION
COMPANY NAME CHILES WORKS L.L.C.		
COUNTY CALLAWAY	SECTION NW	SECTION 1
TOWNSHIP 47N	RANGE 9W	ACRES 4
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A		
MINERAL COMMODITY Clay	ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Robert L. and Doris M. Chiles		
ADDRESS 3704 Lansing Avenue		
CITY Columbia	STATE MO	ZIP CODE 65201
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 3-15-99
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Robert L. and Doris M. Chiles		
ADDRESS 3704 Lansing Avenue		
CITY Columbia	STATE MO	ZIP CODE 65201
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 4-1-2004

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Approximately 2" top soil

Small red cedar and hard wood trees

Rolling hills

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

2 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Dozers and scrapers

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Dozers and scrapers to stockpile soil close to pit area, seeded with grass and wheat.

RECEIVED
MAR 15 1999
MISSOURI LAND
RECLAMATION COMMISSION

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Dozers and scrapers to construct water impoundment dam on lower side of pit.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

see site map

RECEIVED
MAR 15 1999

MISSOURI LAND
RECLAMATION COMMISSION

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

MIX #1

WILDLIFE

FALL

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Tractor, disk, seeder

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
RYE CLOVER LESPEDeza	BMP	CEDAR & PINE	20

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

RECEIVED
MAR 15 1999MISSOURI LAND
RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

LAKE SITE
DAM WITH 3:1 CLOPE
ROLLING HILLS

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

DURING AND AFTER CLAY HAS BEEN REMOVED.

REPLACEMENT OF TOPSOIL

AS SOON AS WEATHER PERMITS AFTER FINAL GRADING.

REVEGETATION

WITHIN SEVEN (7) DAYS OF REPLACEMENT OF TOPSOIL

RECEIVED
MAR 15 1999

MISSOURI LAND
RECLAMATION COMMISSION

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

TWO (2) INCHES

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

1

Agricultural (pasture, cropland, and horticultural)

0

Development (residential, industrial, and recreational)

0

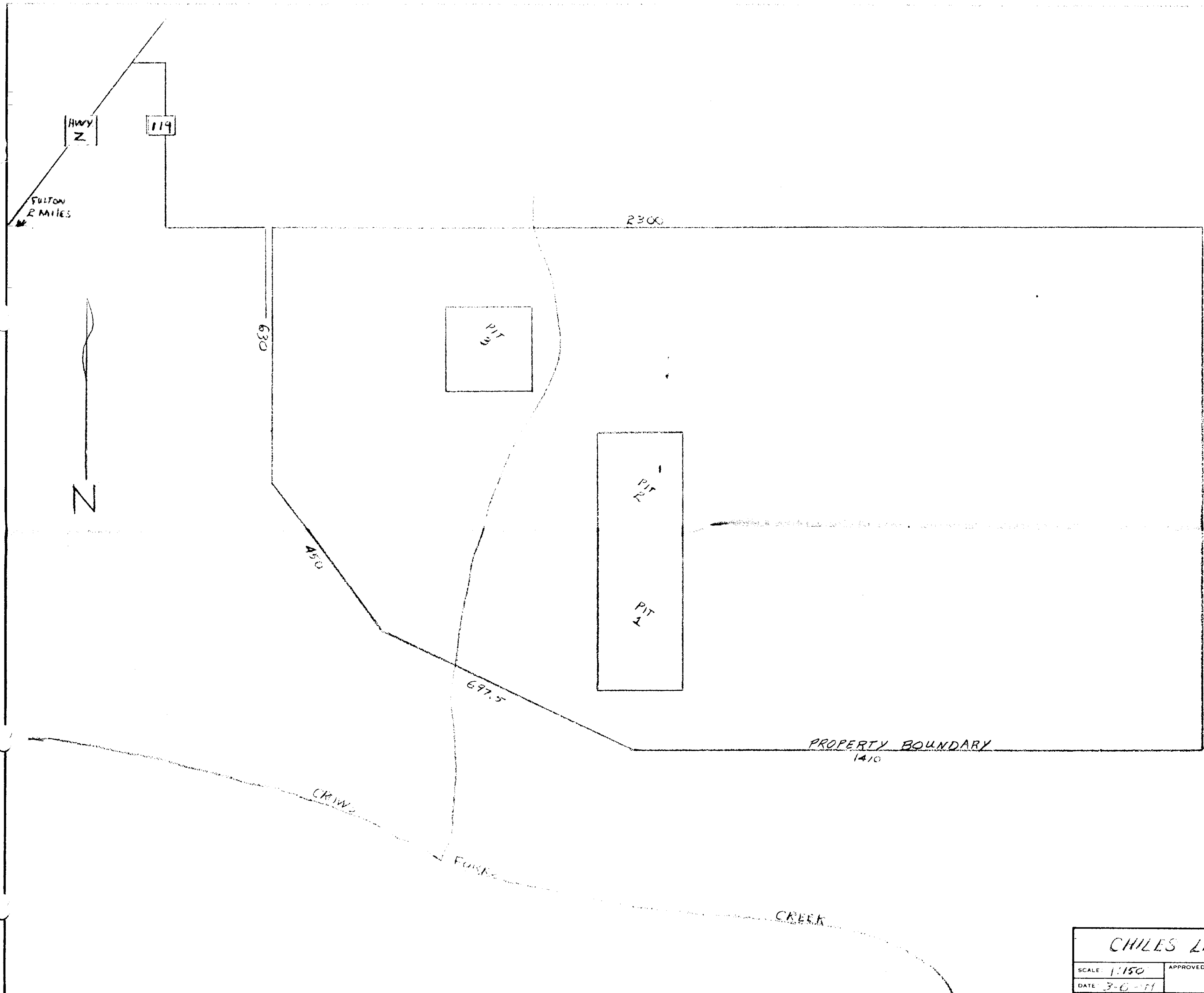
Water impoundments (for wildlife, agricultural, or development)

3



Chiles Works L.L.C.
Permit 0780
Callaway County S-29, T-48N, R-09W

(Pre-law exemption map. *tbl*)



RECEIVED
MAR 15 1999
MISSOURI LAND
RECLAMATION COMMISSION

CHILES LAND LLC		
SCALE: 1:150	APPROVED BY:	DRAWN BY: RLC
DATE: 3-6-99		REVISED:
NW 1/4 S1 T47N R9W		
CLAC		DRAWING NUMBER: 3

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

RECEIVED
MAR 15 1999

MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE OF APPLICANT <i>Robert J. Child</i>		TITLE GENERAL MANAGER/OWNER	DATE 3-15-99
NOTARY PUBLIC EMBOSSEER SEAL	STATE MISSOURI	COUNTY (OR CITY OF ST. LOUIS) <i>Callaway</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 15 DAY OF March 19 99		USE RUBBER STAMP IN CLEAR AREA BELOW J. MARIE BROUSTER NOTARY PUBLIC, NOTARY SEAL STATE OF MISSOURI, CALLAWAY COUNTY JAN 14 2003
	NOTARY PUBLIC SIGNATURE <i>J. Marie Brouster</i>	MY COMMISSION EXPIRES 1-4-2003	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) J. Marie Brouster		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Terry Hoptis</i>		DATE APPROVED 04/19/99	PERMIT NUMBER 0790



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

OCT 27 2000

To be completed for each separate area of disturbance associated with mining operations.

MISSOURI LAND

SITE NAME OR NUMBER

FARMER

PERMIT NUMBER

0708

COMPANY NAME

CHILES WORKS L.L.C.

COUNTY

CALLAWAY

1/4 SECTION

SE

SECTION

29

TOWNSHIP

47N

RANGE

8W

ACRES

1

RIVER OR STREAM NAME (FOR IN-STREAM ACRES)

N/A

MINERAL COMMODITY

Clay

ESTIMATED TONS/YEAR (FOR GRAVEL SITES)

N/A

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE)

JAMES M. FARMER

ADDRESS

6499 County Road 125

CITY

Fulton

STATE

MO

ZIP CODE

65251

SOURCE OF RIGHT TO MINE (CHECK ONE)

☐ MINERAL DEED

☒ LEASE

☐ WARRANTY DEED

☐ VERBAL AGREEMENT

☐ OTHER (DESCRIBE):

DATE OF AGREEMENT

7/20/99

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)

CHILES WORKS L.L.C.

ADDRESS

3704 Lansing Avenue

CITY

Columbia

STATE

MO

ZIP CODE

65201

SOURCE OF RIGHT TO MINE (CHECK ONE)

☐ MINERAL DEED

☒ LEASE

☐ WARRANTY DEED

☐ VERBAL AGREEMENT

☐ OTHER (DESCRIBE):

DATE OF AGREEMENT

7/20/99

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

MINE PLAN

RECEIVED

OCT 27 2000

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

- ☒ SHORT TERM, FOR ONE PERMIT YEAR
☐ LONG TERM, FOR PERIOD THROUGH DATE:

MISSOURI LAND
RECLAMATION COMMISSION

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Old Pre-Law Open Clay Pit

Small red cedar and hard wood trees

Area around 2" top soil

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

2"

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Dozers and scrapers

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Dozers and scrapers to stockpile soil close to pit area, seeded with grass and wheat.

RECEIVED

NOV 21 2000

MISSOURI LAND
RECLAMATION COMMISSION

RECEIVED

RECEIVED

NOV 21 2000

OCT 27 2000

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND
RECLAMATION COMMISSION

RECLAMATION COMMISSION

Dozers and scrapers to construct water impoundment dam on lower side of pit.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See Site Map

YES NO☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECEIVED

NOV 21 2000

OCT 27 2000

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**A. REVEGETATION** (Attach additional sheets, if needed)MISSOURI LAND
RECLAMATION COMMISSION

REVEGETATION MIX #1 MIX #1	PURPOSE OR LAND USE WILDLIFE	SEEDING OR PLANTING TIME FALL
-------------------------------	---------------------------------	----------------------------------

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Tractor, disk, seeder

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
RYE CLOVER LESPEDeza	BMP	CEDAR & PINE	20

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

RECEIVED
NOV 21 2000
MISSOURI LAND
RECLAMATION COMMISSION

POND SITE

DAM WITH 3:1 SLOPE

ROLLING HILLS

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

12 months after expiration or renewal of permit under which surface disturbance occurred, and after clay has been removed.

REPLACEMENT OF TOPSOIL

12 months after expiration or renewal of permit under which surface disturbance occurred after clay has been removed.

REVEGETATION

24 months after expiration or renewal of permit under which surface disturbance occurred after clay has been removed.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

2 inches A Horizon and 10 inches of unconsolidated material immediately below the topsoil.

D. USE OF LAND WHEN RECLAIMED	
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	1/2
Agricultural (pasture, cropland, and horticultural)	0
Development (residential, industrial, and recreational)	0
Water impoundments (for wildlife, agricultural, or development)	1/2

RECEIVED
NOV 21 2000
MISSOURI LAND
RECLAMATION COMMISSION

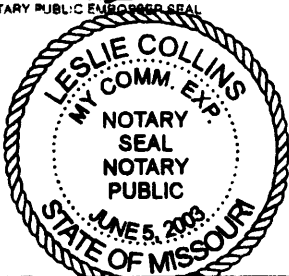
By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

RECEIVED

OCT 27 2000

MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE OF APPLICANT <i>Robert L. Chiles</i>		TITLE Owner/Member	DATE 10-26-00	
	STATE MISSOURI	COUNTY (OR CITY OF ST. LOUIS) CALLAWAY		
	SUBSCRIBED AND SWORN BEFORE ME, THIS 27 DAY OF October 2000			
	NOTARY PUBLIC SIGNATURE <i>Leslie Collins</i>	MY COMMISSION EXPIRES 6/5/03	USE RUBBER STAMP IN CLEAR AREA BELOW	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Leslie Collins			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Terry Hoot's</i>		DATE APPROVED 11/30/00	PERMIT NUMBER 0780	

Chiles Works, LLC.

3704 Lansing Avenue, Columbia, MO 65201
(573) 814-2606

Callaway Operations
5544 County Road 209, Fulton, MO 65251
(573) 642-1887

RECEIVED

APR 12 2001

MISSOURI LAND
RECLAMATION COMMISSION

April 11, 2001

Mr. Larry Hopkins
DNR Land Reclamation Program
P. O. Box 176
Jefferson City, MO 65102-0176

Re: Inspection Letter 12-18-2000; Paragraph B. Farmer Site

Dear Mr. Hopkins:

Enclosed is an aerial photograph dated 9-20-69 (upper left corner) showing the Farmer property T48N, R9W, S20 and S29 in Callaway County, Missouri. Section 29 contains two pre-law pits. Site 1 has one acre that Chiles Works has permitted to mine. This Site 1 includes one of the pre-law pits because it will be expanded outside the disturbed area. The other Site 2 contains approximately 3/4 acre that can be mined and reclaimed into a small pond without disturbing any lands outside of the boundaries of the pre-law area.

Chiles Works L.L.C. requests an exemption to mine this Site 2 in a pre-law area.

The photographs were obtained from Soil & Water Conservation Offices of Callaway County, Missouri.

Please call me at (573) 642-1887 if you have questions.

Sincerely,



Robert L. Chiles

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Bob Holden, Governor • Stephen M. Mahfood, Director

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176 Jefferson City, MO 65102-0176

MEMORANDUM

Date: April 19, 2001

To: Larry P. Coen, R.G.
Staff Director, LRP

Through: Tom Cabanas, Section Chief, LRP
Mike Larsen, Unit Chief, LRP

From: Larry Hopkins *LHP*
Land Reclamation Specialist

Subject: Chiles Works, L.L.C., (Permit 0780), Pre-Law Permit Exemption

Attached for your signature is correspondence to Chile's Works L.L.C., a clay company, approving their request to be exempted from permitting in a pre-law area at a site in Callaway County. The Land Reclamation Program received this request on April 12, 2001.

I have reviewed their request in conjunction with the Commission Policy; Permit Requirements for Industrial Minerals Pre-Law Areas, which were approved on June 8, 1998. The submittal basically meets the requirements of the policy. During the course of an inspection on November 21, 2000, the operator and I observed the area being requested for exemption. The map submitted by the operator (1969 aerial) distinguishes the area from the unaffected areas around the pre-law area as I observed during my inspection.

I recommend approval of this request. If you concur, please sign the attached correspondence. If you need further information, please let me know.

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Bob Holden, Governor • Stephen M. Mahfood, Director

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176 Jefferson City, MO 65102-0176

FILE: Chiles Works, L.L.C.- New Permit 0780- Permitting

April 19, 2001

Mr. Robert Chiles
Chiles Works, L.L.C.
3704 Lansing Avenue
Columbia, MO 65201

Dear Mr. Chiles:

The Land Reclamation Program (LRP) has reviewed Chiles Works, L.L.C.'s submittal on April 12, 2001, in regard to your request to mine a pre-law area located in Section 29, T-48N, R09W, Callaway County. Your request consisted of approximately one acre for the site.

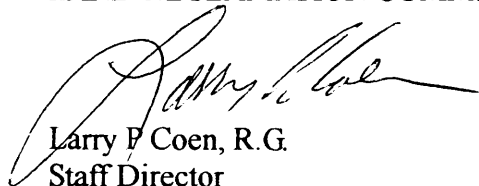
The LRP has reviewed your request per the Land Reclamation Commission Policy; "Permit Requirements for Industrial Minerals Pre-Law Areas", which were approved on June 8, 1998, and have found your submittal to be satisfactory. As such, this correspondence is your approval for this activity. Your letter and map will be incorporated into your approved permit.

For this approval to remain in affect, please remember that the overburden generated at the site may not be transferred from the pre-law area to areas that are now unaffected at the site, and vice versa. If this would occur, Chiles Works would be required to permit those areas.

If you should have any questions, please feel free to contact Larry Hopkins or me at (573) 751-4041.

Sincerely,

LAND RECLAMATION COMMISSION

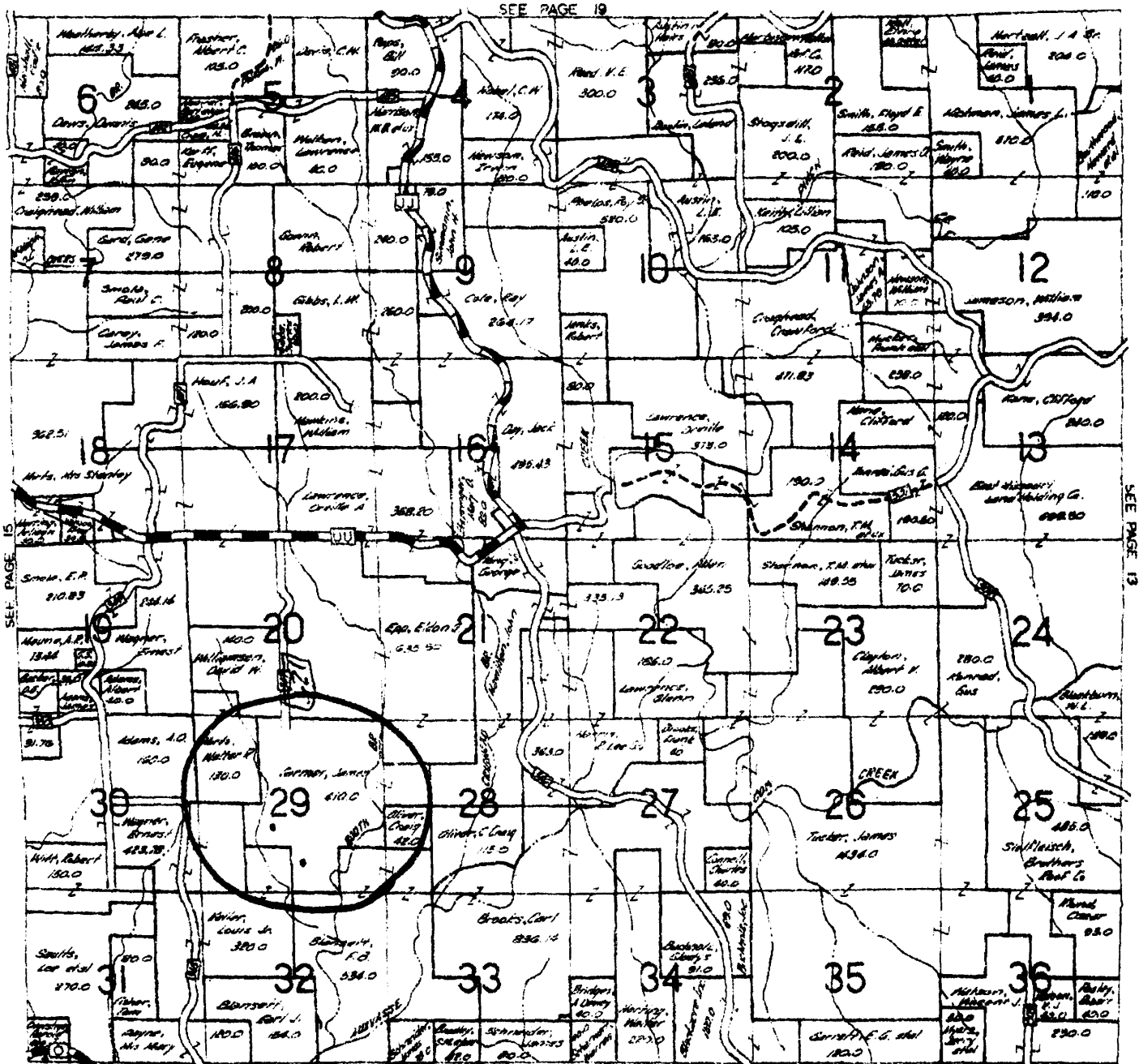


Larry F Coen, R.G.
Staff Director

LC:lhj

Callaway County

Township 47 North, Range 8 West



COPYRIGHT 1970 SHEPHERD MAPING CO.

SEE PAGE 9

CALLAWAY COUNTY, MO.

SMALL OWNERS (See Initials On Map For Location)
TOWNSHIP 47 NORTH - RANGE 8 WEST

Section	Name	Acres
19	Heart of Mo. Girl Scout Co.	10.81

RECEIVED

OCT 27 2000

MISSOURI LAND
RECLAMATION COMMISSION

JAMES FARMER
410 Ac.

S-29 T47N R8W



PROPERTY
Boundary

Old Pit 3

PRELAW Pit

Old Pit 2

Per telephone conversation with Mr. Chiles on 11/30/00, the post-mining land use will consist of a 1/2 acre water impoundment and the graded areas (slopes around the impoundment), which will be approximately 1/2 acre to be vegetated. b/h 11/30/00

PERMIT AREA
1 ACRE



Old Pit #1

1" = 660'

Chiles Work LLC
CALLAWAY
FARMER
S29 T47N R8W
R.L. CHILES

10-26-00

RECEIVED
NOV 21 2000
MISSOURI CO. COMMISSION



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

JUN - 5 2002

To be completed for each separate area of disturbance associated with mining operations.			MISSOURI LAND RECLAMATION COMMISSION
SITE NAME OR NUMBER <i>133 CHRISTIAN</i>		PERMIT NUMBER <i>0780</i>	
COMPANY NAME <i>CHILES WORKS LLC</i>			
COUNTY <i>CALLAWAY</i>	1/4 SECTION <i>SE</i>	SECTION <i>27</i>	
TOWNSHIP <i>47N</i>	RANGE <i>8W</i>	ACRES <i>2</i>	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) <i>NA</i>			
MINERAL COMMODITY <i>CLAY</i>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) <i>NA</i>	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <i>DAN CHRISTIAN</i>		
ADDRESS <i>BOX 6800</i> <i>COUNTY ROAD 133</i>		
CITY <i>STEEDMAN</i>	STATE <i>MO</i>	ZIP CODE <i>65077</i>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT <i>6-3-02</i>

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>DAN CHRISTIAN</i>		
ADDRESS <i>Box 6800</i> <i>COUNTY ROAD 133</i>		
CITY <i>STEEDMAN</i>	STATE <i>MO.</i>	ZIP CODE <i>65077</i>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT <i>6-3-02</i>
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED

JUN - 5 2002

MISSOURI LAND
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

COMPANY NAME

CHILES WORKS LLC

6-1-2007

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

1/4 AC Old PRE LAW Pit, 1" Top Soil Rocky AREA,
Small TREES AND BRUSH, old Logged
TREE STUMPS

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

1 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

DOZER

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

DOZER to stockpile AND sow COVER Crop
WHEAT OR RYE

JUN - 5 2002

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND
RECLAMATION COMMISSION

DOZER TO CONSTRUCT WATER impoundment
DAM

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

2 ACRE AREA IN south east 1/4 of 40 ACRES
SHOWN ON SITE MAP

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1

#1

PURPOSE OR LAND USE

WILDLIFE

B. SEEDING OR PLANTING TIME

SPRING & FALL

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

TRACTOR DISKED, 4X4 SEEDED, HARROWED IN
SEED AFTER TOP SOIL HAS BEEN REPLACED.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
CLOVER	10	NONE	NONE
LESPEDeza	10		
FESCUE	20		

REVEGETATION MIX #2

PURPOSE OR LAND USE

WILDLIFE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

RESEEDING AS NEEDED TO ACHIEVE GRASS
COVER

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
CLOVER	10	NONE	NONE
FESCUE	20		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

JUN 5 2002

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND
RECLAMATION COMMISSION

POND SITE APROX. ONE ACRE
DAM SLOPES TRANVERSABLE BY
MOWING MACHINERY

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

AFTER CLAY HAS BEEN REMOVED

REPLACEMENT OF TOPSOIL

1" TOP SOIL AND 11" UNCONSOLIDATED MATERIAL
WITH IN ONE YEAR AFTER ALL CLAY HAS
BEEN REMOVED

REVEGETATION

FIRST SPRING OR FALL AFTER ALL CLAY
HAS BEEN REMOVED

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

1" TOP SOIL 11" UNCONSOLIDATED MATERIAL

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

1

Agricultural (pasture, cropland, and horticultural)

0

Development (residential, industrial, and recreational)

0

Water impoundments (for wildlife, agricultural, or development)

1

RECEIVED

JUN - 5 2002

MISSOURI LAND
RECLAMATION COMMISSION

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Robert L. Chiles</i>		TITLE OWNER	DATE 6-3-02
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Callaway	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 3 RD DAY OF JUNE 2002		USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE <i>Loretta A. Kehoe</i>	MY COMMISSION EXPIRES 8-24-04	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) LORETTA A. KEHOE		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Tim Ha</i>		DATE APPROVED 8-1-02	PERMIT NUMBER 0780



MODERN FARM EQUIPMENT CO. UN - 5 2002



SINCE 1958

Chiles Works LLC 2929 North Bluff
Callaway Co
0780

DONALD VANDELOECHT

OFFICE: (573) 642-5777
(573) 642-6866
HOME: (573) 642-9405
1-800-807-5777

MISSOURI LAND
RECLAMATION COMMISSION

TOWNSHIP 47N • RANGE 8W

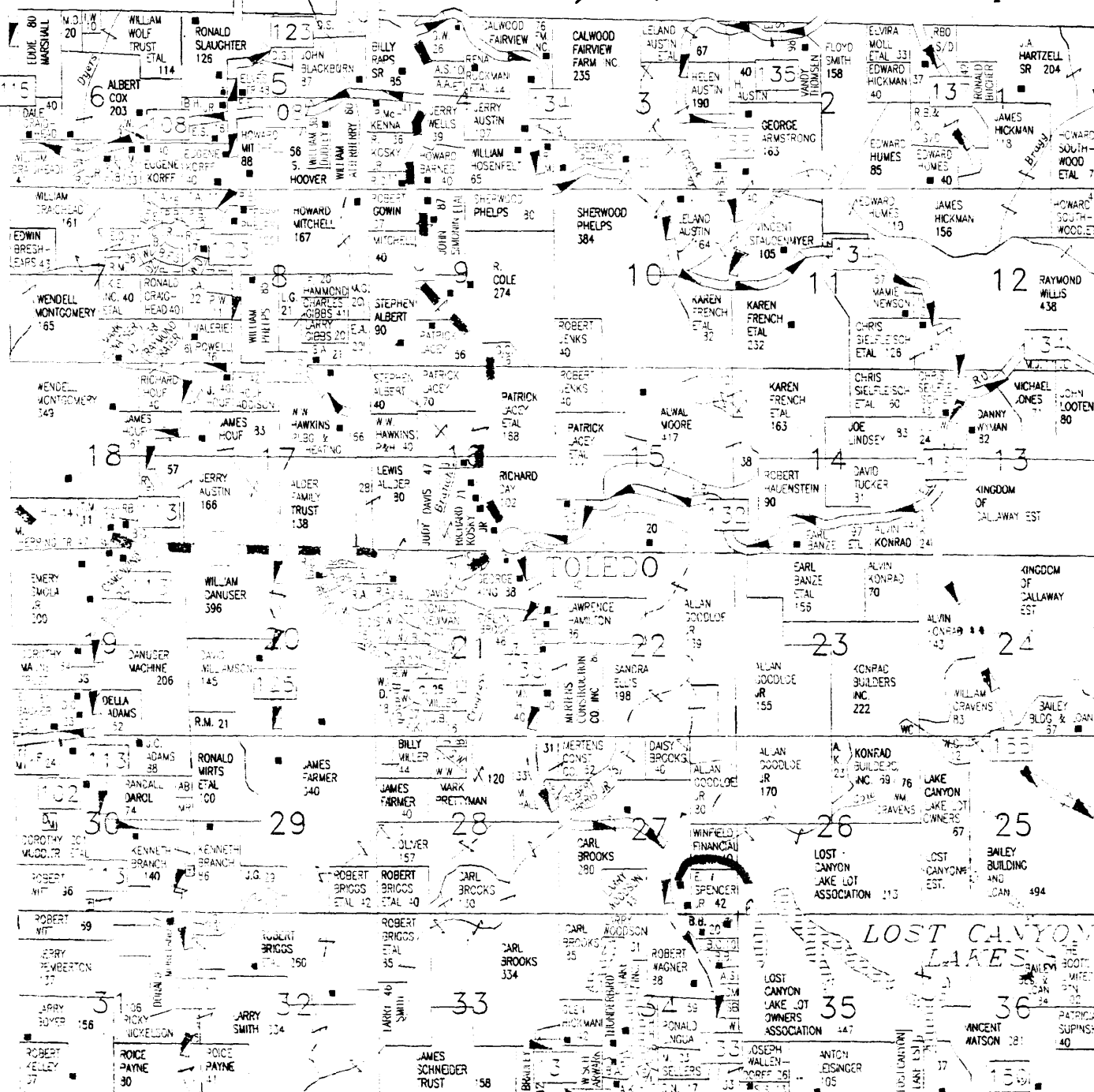
Locator Map

N ↑

SEE PAGE 18

SEE PAGE 22

SEE PAGE 24



SEE PAGE 28

Chiles Works LLC
5544 Co. Rd. 209, Fulton, MO 65251

RECEIVED

JUN - 5 2002

MISSOURI LAND
RECLAMATION COMMISSION

SITE 133 CHRISTIAN

↑
To
Toledo
or
To
Fulton

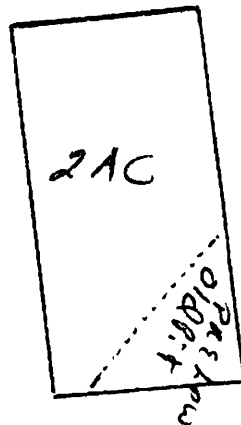
42 ACRE

County Rd.
133

HOUSE

Box
6800

DRIVE



27 26

34 35



S 27 47 N 8 W

NOT TO SCALE
R.L. CHILES

area to be mined
- prelaw area



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

APR 22 2003

MISSOURI LAND
RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER BROOKS		PERMIT NUMBER 0780-A1	
COMPANY NAME CHARLES WORKS LLC			
COUNTY CALLAWAY	1/4 SECTION SW 1/4 of NE 1/4	SECTION 27	
TOWNSHIP 47N	RANGE 8W	ACRES 3	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) NA			
MINERAL COMMODITY CLAY		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) NA	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) EVELYN BROOKS		
ADDRESS 6640 County Road 133		
CITY FULTON	STATE MO	ZIP CODE 65251
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT 4-18-03

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) EVELYN BROOKS		
ADDRESS 6640 County Road 133		
CITY FULTON	STATE MO	ZIP CODE 65251
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED

APR 22 2003

MISSOURI LAND
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME CHARLES WORKS LLC

☒ LONG TERM, FOR PERIOD THROUGH DATE: JUNE 1 2033

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

THIS PLAN COVERS APPROX 3 ACRES OF LOGGED
WOODED ROLLING TO STEEP SLOPED
THIN TO ROCKY SOIL AND A 1/4 AC PRE-LAW
CLAY PIT.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOSPOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

12 INCHES

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

TREES AND BRUSH CLEARED WITH BULLDOZER
12" OF TOP AND SUB-SOIL WILL BE STOCKPILED
FOR REPLACEMENT REQUIREMENTS WITH A
BULLDOZER

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

BULLDOZER TO STOCKPILE TOPSOIL ON
PERMITTED AREA THE SEEDING TO PROTECT
FROM EROSION

APR 22 2003

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND
RECLAMATION COMMISSION

ALL SPOIL WILL BE PLACED IN THE PERMITTED AREA. IN THE MINED OUT PORTION OF PIT AND TO CONSTRUCT A DAM FOR A POND AND GRADED TO TRAVERSABLE SLOPES 3:1 BEFORE REPLACEMENT OF TOP SOIL

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

SEE MAP
MINING WILL BEGIN ON NORTH WEST CORNER OF PERMITTED AREA WHERE A DAM AND WATER EMPOUNDMENT WILL BE THE FINISHED SITE

YES

NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right-of-way, and in no case may the excavation be closer to the right-of-way than fifty feet or twenty-five feet plus one and one-half ($1\frac{1}{2}$) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "YES", a safety barrier may be needed.)

RECEIVED

APR 22 2003

A. RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

REVEGETATION (Attach additional sheets, if needed)

MISSOURI LAND
RECLAMATION COMMISSION

REVEGETATION MIX #1

PURPOSE OR LAND USE

SEEDING OR PLANTING TIME

#1

WILDLIFE

Spring March 15 - May 1

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

THE FIRST Spring AFTER Top Soil HAS BEEN
REPLACED THE PERMITTED AREA WILL BE
DISKED & BROADCAST SEED WITH 4x4 THEN
ROLLED OR HARROWED

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS / ACRE	TREE OR SHRUB SPECIES	STEMS / ACRE
ORCHARD GRASS	30	NONE	
KY 41	10		
Clover	20		
LESPODEZA	20		
WHEAT OR OATS	40		
REVEGETATION MIX #2	PUPOSE OR LAND USE	SEEDING OR PLANTING TIME	

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS / ACRE	TREE OR SHRUB SPECIES	STEMS / ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

APR 22 2003

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND
RECLAMATION COMMISSION

ALL AREAS will be Graded to slopes
TRAVERSABLE by Farm Machinery
A ONE to TWO ACRE Pond will be
IN THE FILL PIT AREA

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Grading To be DONE AS THE PIT
ADVANCES AND AS Spoil IS PLACED in
THE DAM AND MINED OUT AREA

REPLACEMENT OF TOPSOIL

Top Soil will be REPLACED to a uniform
DEPTH of 12 inches with DOZER AND
GRADER AND DISKED

REVEGETATION

ALL Top Soil AREA will BE SEEDED During
THE First optimum SEEDING PERIOD Following
Completion of Removing ALL usable Clay.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

A HORIZON 2" + B HORIZON 10" = 12" INCHES

D. USE OF LAND WHEN RECLAIMED

ESTIMATED ACRES:

Estimate acreage of each land use below, after reclamation

Wildlife (forest or other habitat with livestock excluded)

1

Agriculture (pasture, cropland, and horticultural)

0

Development (residential, industrial and recreational)

0

Water impoundments (for wildlife, agriculture, or development)

2

RECEIVED

APR 22 2003

By my signature, I attest to the following:

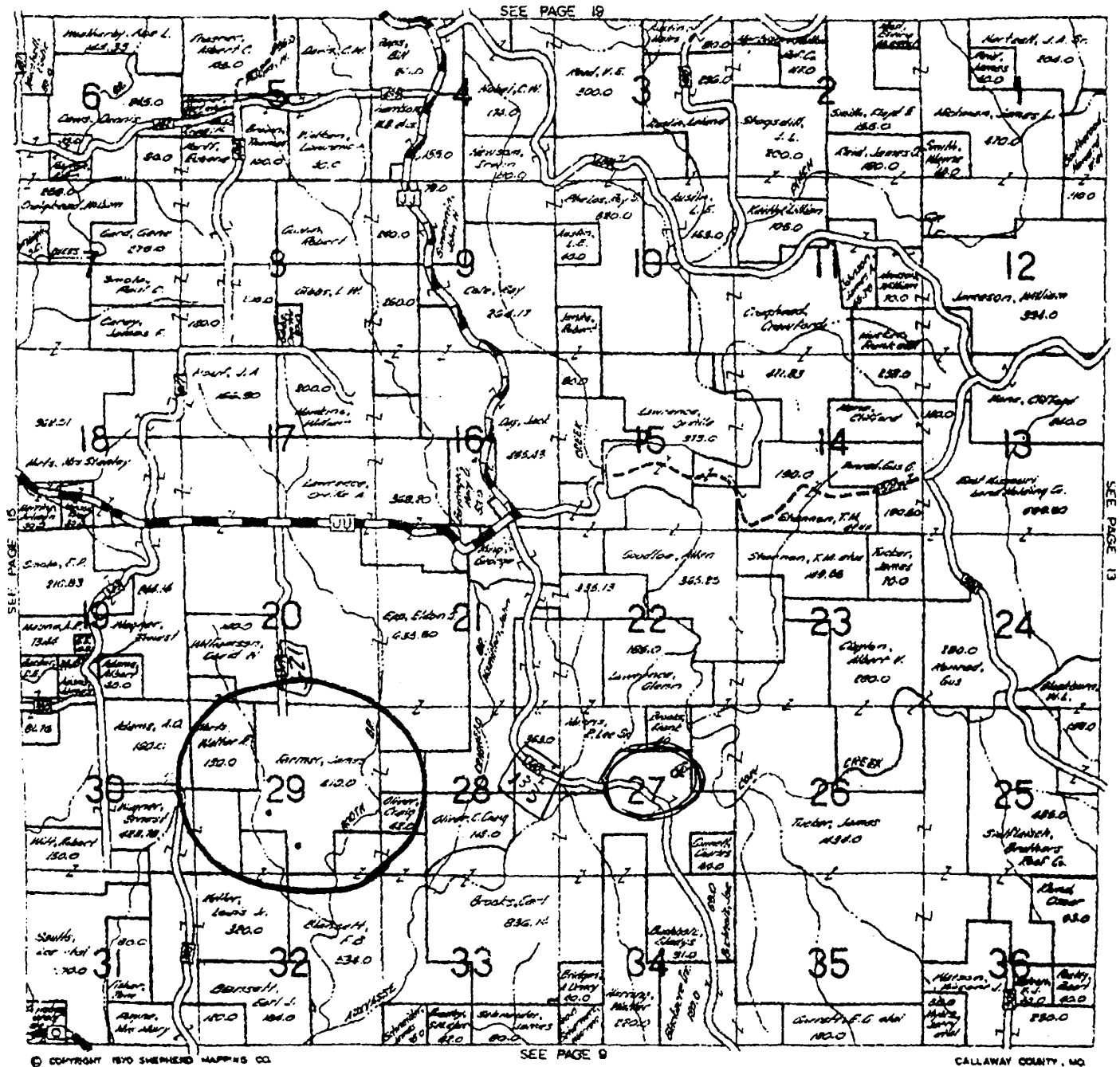
MISSOURI LAND
RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intends to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.790, RSMO 2001, and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed post-mining land uses.
4. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed seed mixtures.
5. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Robert J. Child</i>		TITLE <i>OWNER</i>	DATE <i>2-25-03</i>
NOATRY PUBLIC EMBOSSER SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Callaway</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>25th</i> DAY OF <i>FEB</i> 20 <i>03</i>		USE RUBBER STAMP IN CLEAR AREA BELOW
PAULA K. BLUMER NOTARY PUBLIC - NOTARY SEAL STATE OF MISSOURI BOONE COUNTY MY COMMISSION EXP. APR-15, 2006	NOTARY PUBLIC SIGNATURE <i>Paula K. Blumer</i>	MY COMMISSION EXPIRES <i>4/15/06</i>	
	NOTARY PUBLIC NAME (TYPED OF PRINTED) <i>PAULA K. BLUMER</i>		
FOR DEPARTMENT USE ONLY: APPROVED BY <i>Tim Han</i>		DATE APPROVED <i>6-16-03</i>	PERMIT NUMBER <i>0780</i>

Callaway County

Township 47 North, Range 8 West



N↑ Chiles works L.L.C
Brooks site
Callaway Co.
S-27, T-47N R-8W
#0780

SMALL OWNERS (See Insets on Map for Location)
TOWNSHIP 47 NORTH - RANGE 8 WEST

Section	Name	Acres
19	West of No. 61st Scout Co.	10.81

RECEIVED

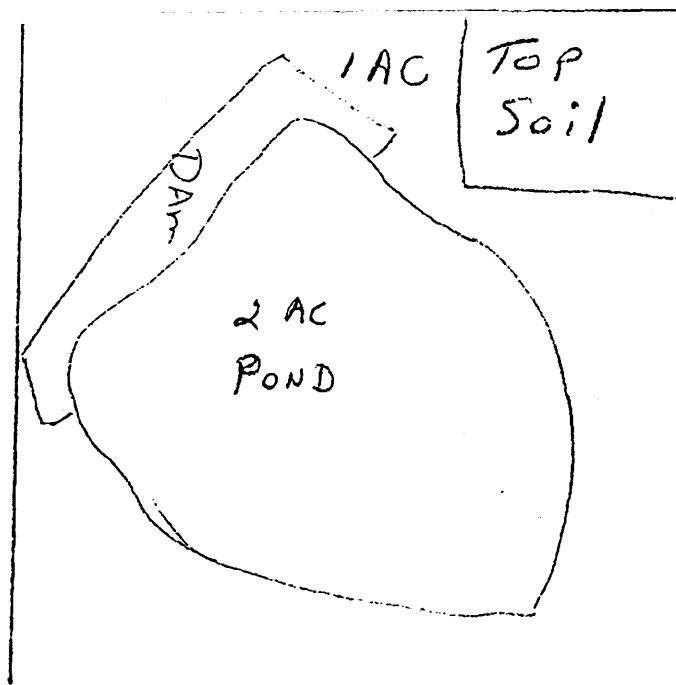
APR 22 2003

MISSOURI LAND
RECLAMATION COMMISSION

Inspector
Maps

↑
N

22	23
27	26



RECEIVED

APR 22 2003

MISSOURI LAND
RECLAMATION COMMISSION

Chiles Works LLC
5544 Co. Rd. 209, Fulton, MO 65251
Brooks site

#0780

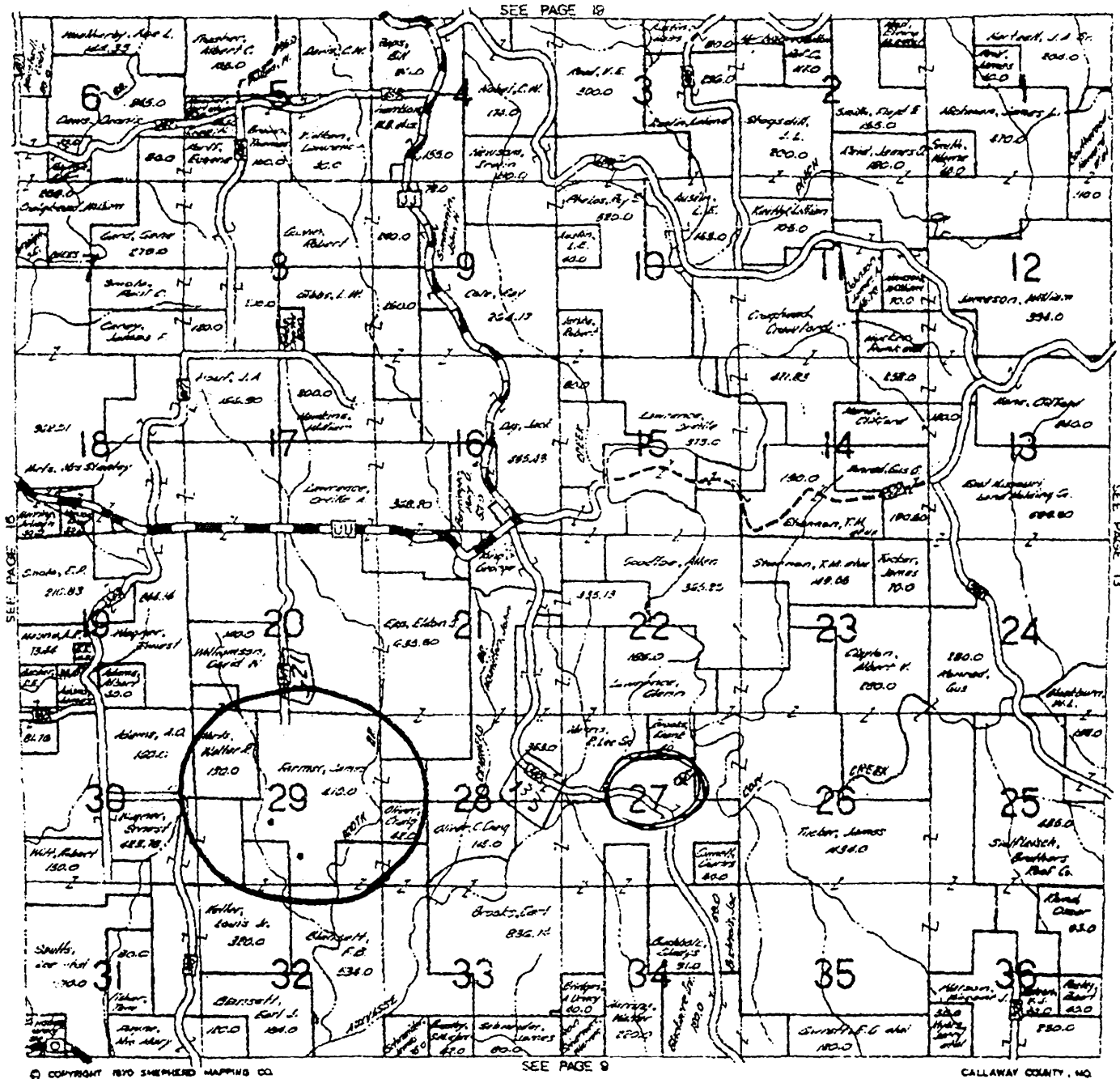
SCALE 1" = 150'

Area to be reclaimed CALLAWAY
to a water impoundment 49N R8W

133

Callaway County

Township 47 North, Range 8 West



VT Chiles works L.L.C
Brooks site
Callaway Co.
S-27, T-47N R-8W
#0780

SMALL OWNERS (See Insets On Map For Location)
TOWNSHIP 47 NORTH - RANGE 8 WEST

Section	Name	Acres
29	Heart of Mo. Oil & Gas Co.	10.81

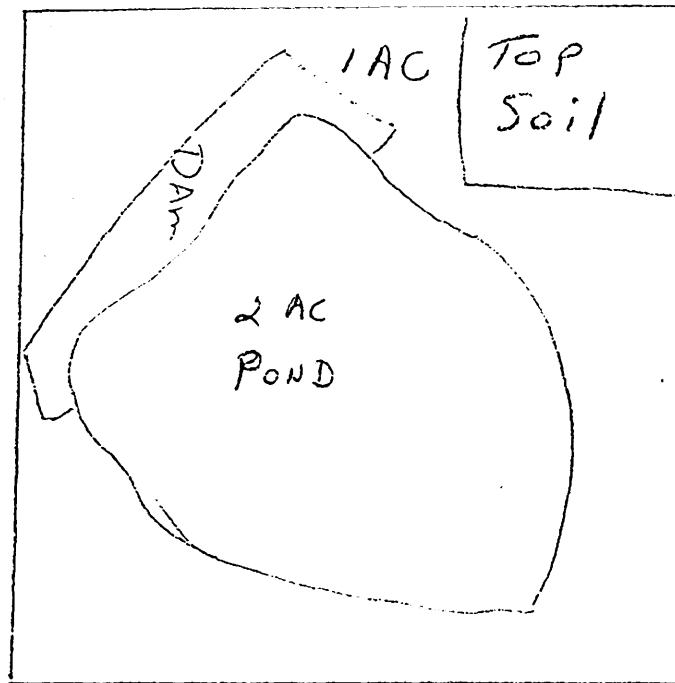
RECEIVED

APR 22 2003

MISSOURI LAND
RECLAMATION COMMISSION

↑
N

22	23
27	26



RECEIVED

APR 22 2003

MISSOURI LAND
RECLAMATION COMMISSION

Chiles Works LLC
5544 Co. Rd. 209, Fulton, MO 65251
Brooks site

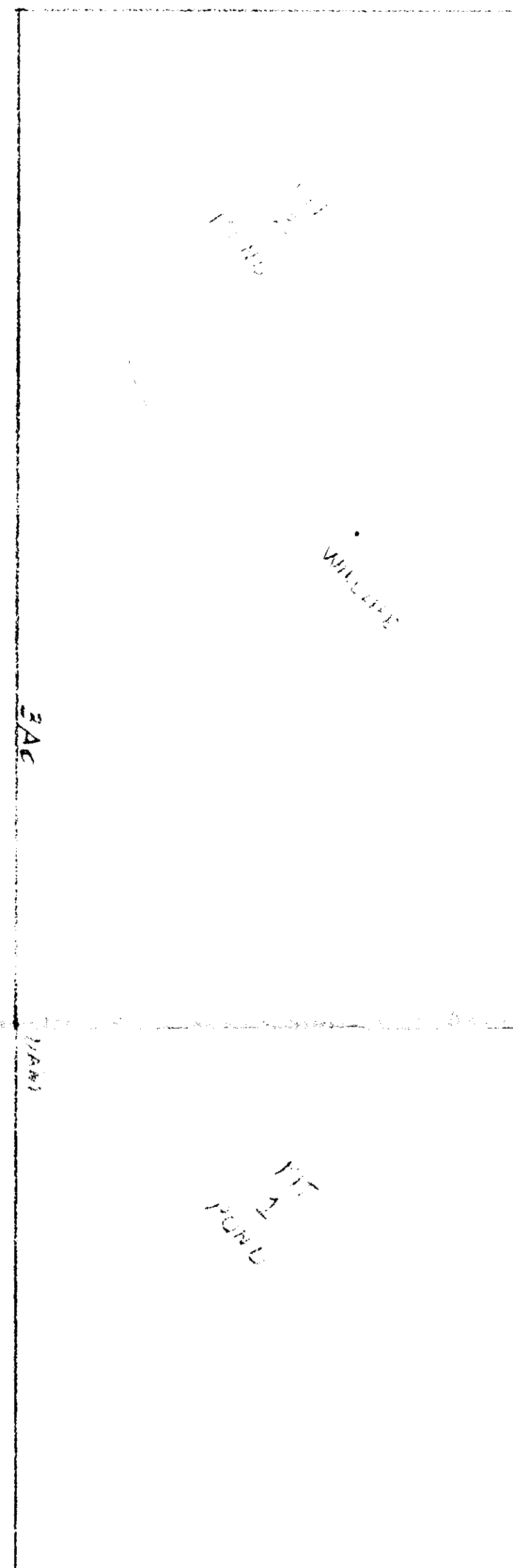
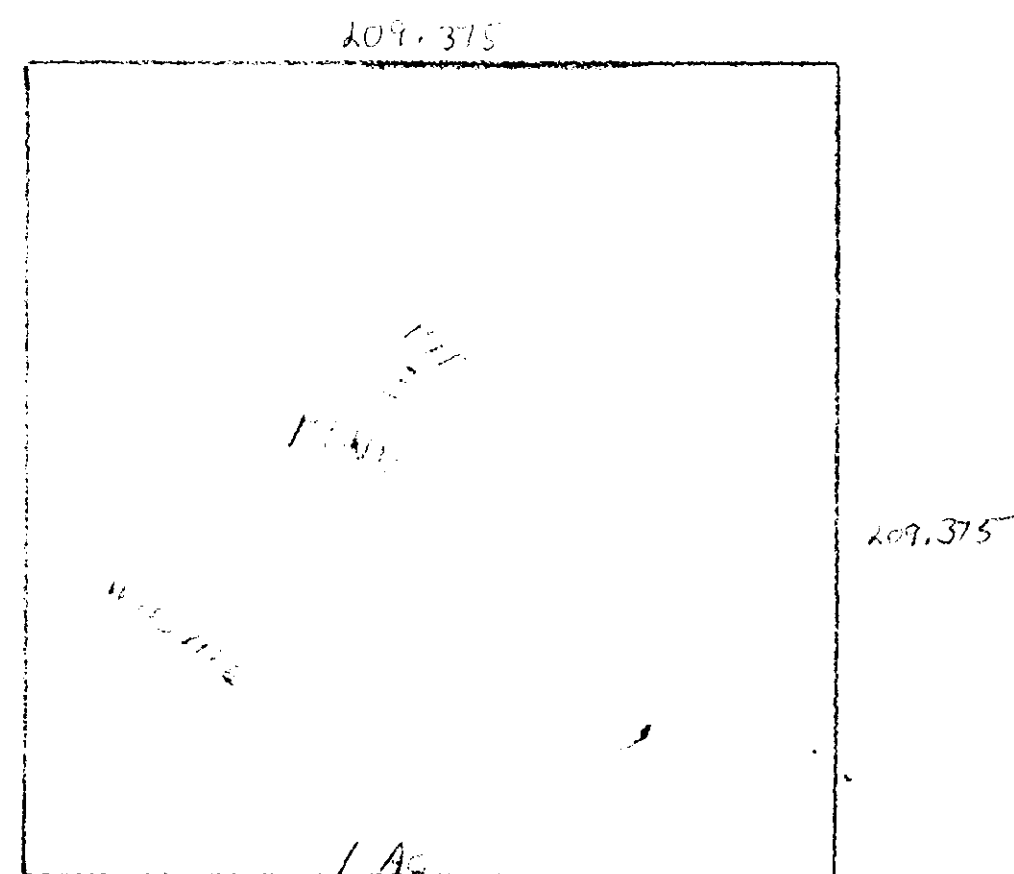
#0780

150'
SCALE 1" = 300'

Area to be reclaimed *CALLAWAY*
to a water impoundment *49N R 8W*

133

N



RECEIVED
MAR 15 1999
MISSOURI LAND
RECLAMATION COMMISSION

CW PITS 1-K-3		
SCALE 1:50	APPROVED BY:	DRAWN BY AXC
DATE 2-10-99		REVISED:
NW 4 S1 T47N R9W		
PIT BOUNDARIES		DRAWING NUMBER 5